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Lyman C. Welch

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Federal Communications Commission  
Office of the Secretary  
1919 M Street NW  
Washington, DC 20554

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REPLY COMMENTS TO RM-8653 & RM-8648

As an individual computer user, I hereby submit the following reply comments to FCC RM-8653 and RM-8648:

I. Procedural Reply Comments

I recommend that the period for filing Reply comments be extended for 30 days to allow the FCC to place the original petitions and comments received (or a summary thereof) onto the Internet. These two petitions for rulemaking are of significant interest to the networked computer community and the majority of these users have access to the Internet. By allowing only 15 days for responses to comments which are only available in Washington D.C. or through a rush purchase through ITS, the FCC is effectively preventing the vast majority of individuals and computer users from responding to the few negative comments which have been received. (My comments, for example, must be limited to the information provided by a helpful, but overworked, FCC employee).

Over two-thirds of the comments on these petitions were submitted by individuals which will not have the ability to respond to the other comments submitted due to these access restrictions. The FCC has the ability to place this information onto an Internet World-Wide Web site and it should do so, especially in this case where the proposals will substantially impact networked computer users. Comments could also be received via the Internet to facilitate receipt of reply comments within the extended deadline.

II. Substantive Reply Comments

The vast majority of the comments received have been favorable towards these petitions. It is noteworthy that a substantial number of individuals have commented to support the concept of an unlicensed, high-speed, high-bandwidth radio service. These individual comments demonstrate the need for part of the radio spectrum to be reserved for individual

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communications use in this era of increasing networked computer use and the expanding Internet. I join these voices of support for these proposals.

It is extremely important that whichever proposal is adopted retain its unlicensed character where the FCC's role would be limited to resolving interference problems. Individual access should be paramount in an unlicensed structure, therefore whichever proposal is adopted must ensure that no company or organization will obtain a "de facto" license on any part of the spectrum by effectively "squatting" on part of the spectrum or through control of the access protocol. The limited geographic area and mobility contained in Apple's proposal will assist in preventing this danger.

Most of the few negative comments submitted focus on concerns with the WINForum petition (RM-8648) which are not present in Apple's NII Band petition (RM-8653). The emphasis on mobility and geographic limitations inherent in Apple's proposal substantially reduces many concerns with the WINForum petition and reveals the advantages of reduced interference of the NII proposal.

In addition, although the FAA notes a potential conflict with part of the proposed 5 GHz spectrum in their comments, it is important to note that their comments must be limited to the portion of the proposals between 5.1 GHz and 5.25 GHz since aeronautical and navigation is presently limited to 5-5.25 GHz. Apple's proposal includes 5.725-5.875 GHz which would not be affected by FAA's comments and the area from 5.25 to 5.35 GHz would also be free of FAA concern. One alternative solution which would allow continued FAA use would be to limit the unlicensed area to the portions of the radio spectrum which are free from FAA's concerns. Another would be to allow FAA priority over the area from 5.1 to 5.25 GHz until they no longer need portions of this spectrum.

In conclusion, I support the concept of these proposals to allow individual unlicensed access which can be used for networked computer interaction. I encourage the FCC to allow the Internet computer community to directly access these petitions and comments through a World-Wide Web Internet site since the networked computer community will be directly affected by the FCC's actions.

Sincerely,

A handwritten signature in dark ink, appearing to read "Lyman", written in a cursive style.

Lyman C. Welch

From: Brian L. Moore <blmoore@micron.net>  
To: A16.A16(RM-8648)  
Date: [REDACTED]  
Subject: RM-8648

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF SECRETARY

Before the

FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554

In the Matter of )

Petition for Rulemaking to Allocate  
Service Rules for a Shared Unlicensed  
Personal Radio Network

) RM-8648 the 5.1 - 5.35 GHz Band and Adopt )

Brian L. Moore  
2720 Agate St.  
Boise, ID 83705

FCC Commissioners:

I am writing to express my disapproval of RM-8648 filed by WINforum.  
Commercial entities already control the majority of the RF spectrum.

More desirable is RM-8653 filed by Apple Computer which doesn't give preferential access to the 5 GHz region to anyone (including themselves).

Approval of RM-8653 would reflect the current Congressional atmosphere of de-regulation.

RM-8648 purports to be in favor of a "Shared Unlicensed Personal Radio Network" when in fact it would create a "Shared Unlicensed Corporate Radio Network" with little opportunity for access by the average citizen.

The popular press routinely runs stories comparing the academic achievement levels of our high school students with those of other industrialized countries. If our future generations are to compete in a "global marketplace" inexpensive and easy access to information via computer is a necessity.

Approval of RM-8648 would benefit industry in the short term, but approval of RM-8653 would benefit industry and everyone else in the long term.

Please strongly consider not adopting RM-8648.

I will send a signed copy of this letter via U.S mail.

Very truly yours,

Brian L. Moore

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From: Karl Beiser <beiser@saturn.caps.maine.edu>  
To: A16.A16(RM-8648)  
Date: [REDACTED]  
Subject: Letter of support

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On behalf of myself, the Maine State Library and the libraries of Maine I wish to voice support for the public spectrum set-aside promoted in petitions RM-8648 and RM-8653. Ways and means of creating the broadest possible access to information by all Americans have been of deep concern to libraries since their inception. The advent of electronic access means offers new opportunities for even better information access to support education, enhancement of job and life skills, betterment of government operation and other worthy goals.

Electronic information technology also introduces new economics. Of particular concern are those that move from a one-time-purchase followed by unlimited use model to one of incremental and ubiquitous cost. Everytime one connects, one pays. While this can be justified on some grounds, it leaves libraries suddenly disarmed as institutions that buy and provide free the benefits of information and knowledge to all comers -- in particular those without the means to pay on their own.

The non-incremental nature of the public spectrum proposal would substantially extend the ability of libraries to continue to function as a free walk in access point to information. Known and fixed costs are much easier to support than heavily incremental charges.

=====  
Karl Beiser email beiser@saturn.caps.maine.edu  
Maine State Library tel 207-581-1656  
POB 2145 fax 207-581-1653  
Bangor, Maine 04402 Maine Ideas BBS 207-942-6512

The MAINE GUIDE tracks services, organizations, projects and most anything else related to electronic information access in Maine. Request an electronic or a paper copy via email, point your World Wide Web browser to <http://www.state.me.us/msl/mgintro.htm>, or gopher on over to [gopher.thomas.edu](http://gopher.thomas.edu).

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From: Christopher <crose@tyrell.net>  
To: A16.A16(m-8848)  
Date: [REDACTED]  
Subject: sign me on

Please add my name to the petition.  
Christopher B. Rose rose@tyrell.net

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